

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number **01204130 A**

(43) Date of publication of application **16 . 08 . 89**

(51) Int. Cl. **G06F 3/033**

(21) Application number: **63028403**

(71) Applicant: **TORAY IND INC**

(22) Date of filing: **09 . 02 . 88**

(72) Inventor: **HOSONO HIROSHI  
TANIGUCHI TAKASHI**

(54) **COATED TRANSPARENT CONDUCTIVE PANEL**

(57) Abstract

**PURPOSE.** To realize the excellent durability, picture recognizing performance and soil preventing performance by forming a layer having the transparent conductivity on the entire or partial surface of a transparent base material and laminating the specific film on the surface of said conductive layer

**CONSTITUTION.** A layer having the transparent conductivity is formed on the entire or partial surface of a transparent base material and the films A and B are laminated successively on the surface of said conductive layer. The film A is equal to a reflection preventing

film of a single layer or multiple layers that consists of the inorganic oxide dielectric. This formed film has the reflection preventing effect and said oxide dielectric uses  $\text{SiO}_2$ ,  $\text{SiO}_2$ , etc. While the film B consists of a curing material containing an organic matter having the thickness of 500 $\text{\AA}$  or less. This curing materials enter the gaps among the particles of a granular accumulated matter of the film A. The transparent conductive layer applied on the transparent base material uses effectively an indium oxide/tin oxide group thin film. As a result, the excellent durability is secured together with the excellent wear resistance and scratch resistance.

COPYRIGHT: (C)1989,JPO&Japio